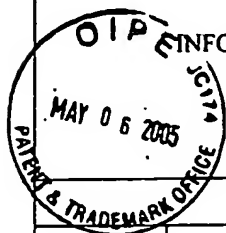


FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23691Application No.
10/646,736INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2851

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>cr</i>		4	9	3	7	6	0	9	06/26/90	WAKABAYASI et al.			
<i>cr</i>		4	9	7	4	9	4	9	12/04/90	TANAKA			
<i>cr</i>		5	0	9	9	2	6	3	03/24/92	MATSUMOTO et al.			
<i>cr</i>		5	2	1	0	6	4	4	05/11/93	NOMURA			
<i>cr</i>		5	3	7	6	9	8	3	12/27/94	YAMAZAKI et al.			
<i>cr</i>		5	6	3	6	0	6	2	06/03/97	OKUYAMA et al.			
<i>cr</i>		5	8	7	0	2	3	2	02/09/99	TSUJI et al.			
<i>cr</i>		5	9	1	2	7	7	2	06/15/99	AOKI			
<i>cr</i>		5	9	2	6	3	2	2	07/20/99	IWASAKI			
<i>cr</i>		6	4	9	0	0	9	9	12/03/02	SASAKI			
<i>cr</i>		6	5	7	0	7	1	8	05/27/03	NOMURA et al.			
<i>cr</i>		6	6	1	1	6	6	3	08/26/03	NAKAGAWA			
<i>cr</i>		6	7	1	1	3	4	9	03/23/04	DIRISIO			
<i>cr</i>		6	7	5	7	4	8	9	06/29/04	NOMURA et al.			
<i>cr</i>	2001/	0	0	1	7	7	3	8	08/30/01	NOMURA et al.			
<i>cr</i>	2002/	0	1	8	1	9	5	3	12/05/02	ICHINOKAWA			
<i>cr</i>	2003/	0	0	0	7	7	9	6	01/09/03	NOMURA et al.			
<i>cr</i>		6	6	6	5	1	2	9	12/16/03	NOMURA et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>cr</i>	1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.											
<i>cr</i>	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.											
<i>cr</i>	3	Digital CAPA March 2003, which was publicly released on February 20, 2003, together with an English language translation of the same.											
<i>cr</i>	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.											

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<i>g</i>		5	5	4	8	4	4	6	08/20/96	ENOMOTO			
<i>g</i>		4	9	5	2	9	5	5	08/28/90	IWATA et al.			
<i>g</i>		5	9	0	9	6	0	0	06/01/99	KOSAKO			
<i>g</i>		4	5	4	5	6	6	1	10/08/85	HAMAGUCHI et al.			
<i>g</i>		5	7	9	0	9	1	1	08/04/98	REIBL			
<i>g</i>		5	7	9	0	9	0	7	08/04/98	REIBL			
<i>g</i>		4	7	9	1	4	4	1	12/13/88	NISHI et al.			
<i>g</i>		3	3	7	7	4	2	7	04/09/68	FISCHER			
<i>g</i>		5	7	1	5	4	8	2	02/03/98	WAKABAYASHI et al.			
<i>g</i>		4	5	9	7	6	5	7	07/01/86	WAKABAYASHI			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>g</i>	2003	-	1	4	9	7	2	3	05/21/03	JAPAN			X	
<i>g</i>		0	5	9	8	7	0	3	05/25/94	E.P.O.				
<i>g</i>		9	-	1	5	6	8	2	01/17/97	JAPAN				
<i>g</i>		0	8	1	0	4	6	6	03/12/97	E.P.O.				
<i>g</i>		3	3	1	7	9	9	9	11/24/83	GERMANY				
<i>g</i>	1	9	6	2	3	0	6	6	12/11/97	GERMANY				
<i>g</i>	8	-	3	1	3	7	9	0	11/29/96	JAPAN				
<i>g</i>	6	-	2	3	0	2	6	3	08/19/94	JAPAN				
<i>g</i>	10	-	2	5	4	0	5	4	09/25/98	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>g</i>	5	English Language Abstract of JP 9-15682.
<i>g</i>	6	English Language Abstract of JP 8-313790.
<i>g</i>	7	English Language Abstract of JP 6-230263.
<i>g</i>	8	English Language Abstract of JP 10-254054.
<i>g</i>	9	English Language Abstract of JP 2003-149723.

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g		4	8	4	1	3	2	3	06/20/89	MINORU et al.			
c		6	1	8	5	3	7	5	02/06/01	KAZUO			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
a	2000	-	0	2	3	0	0	2	01/21/00	JAPAN			X	
a	6	-	3	0	8	5	9	2	11/04/94	JAPAN			X	
a	7	-	1	9	9	0	1	9	08/04/95	JAPAN			X	
a	5	-	3	1	3	2	2	6	11/26/93	JAPAN			X	
a	7	-	2	9	5	0	5	0	11/10/95	JAPAN			X	
a			9	-	5	8	4	9	01/10/97	JAPAN			X	
a	61	-	1	3	3	9	3	3	06/21/86	JAPAN				
a	2003	-	1	1	4	4	7	3	04/18/03	JAPAN			X	
a	2004	-	2	5	7	5	5	5	09/16/04	JAPAN				
a		2	3	9	4	7	8	7	05/05/04	UNITED KINGDOM				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

a			English Language Abstract of JP 61-133933.										

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